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L2: Entry 1 of 1

File: DWPI

Dec 17, 2002

DERWENT-ACC-NO: 2000-162086

DERWENT-WEEK: 200307

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TITLE: Automobile transmission control device using pressure sensor - has common housing for electronic control circuit and pressure sensor provided with base plate having bore for connecting pressure sensor to transmission hydraulic unit

INVENTOR: ALBERT, R; FRITZSCHE, C

PATENT-ASSIGNEE:

ASSIGNEE	CODE
SIEMENS AG	SIEI
ALBERT R	ALBEI
FRITZSCHE C	FRITI

PRIORITY-DATA: 1998DE-1034212 (July 29, 1998)

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PATENT-FAMILY:

PUB-NO.	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
<input type="checkbox"/> <u>US 6494088 B2</u>	December 17, 2002		000	G01M015/00
<input type="checkbox"/> <u>DE 19834212 A1</u>	February 10, 2000		005	F16H059/02
<input type="checkbox"/> <u>WO 200006926 A1</u>	February 10, 2000	G	000	F16H061/00
<input type="checkbox"/> <u>EP 1099066 A1</u>	May 16, 2001	G	000	F16H061/00
<input type="checkbox"/> <u>US 20010011478 A1</u>	August 9, 2001		000	G01P001/02
<input type="checkbox"/> <u>EP 1099066 B1</u>	February 20, 2002	G	000	F16H061/00
<input type="checkbox"/> <u>DE 59900885 G</u>	March 28, 2002		000	F16H061/00
<input type="checkbox"/> <u>JP 2002521637 W</u>	July 16, 2002		014	F16H059/26

DESIGNATED-STATES: JP US AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE AT
BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE DE FR GB IT

APPLICATION-DATA:

PUB-NO	APPL-DATE	APPL-NO	DESCRIPTOR
US 6494088B2	July 1, 1999	1999WO-DE02001	Cont of
US 6494088B2	January 29, 2001	2001US-0771888	
DE 19834212A1	July 29, 1998	1998DE-1034212	

WO 200006926A1	July 1, 1999	1999WO-DE02001	
EP 1099066A1	July 1, 1999	1999EP-0945857	
EP 1099066A1	July 1, 1999	1999WO-DE02001	
EP 1099066A1		WO 200006926	Based on
US20010011478A1	July 1, 1999	1999WO-DE02001	Cont of
US20010011478A1	January 29, 2001	2001US-0771888	
EP 1099066B1	July 1, 1999	1999EP-0945857	
EP 1099066B1	July 1, 1999	1999WO-DE02001	
EP 1099066B1		WO 200006926	Based on
DE 59900885G	July 1, 1999	1999DE-0500885	
DE 59900885G	July 1, 1999	1999EP-0945857	
DE 59900885G	July 1, 1999	1999WO-DE02001	
DE 59900885G		EP 1099066	Based on
DE 59900885G		WO 200006926	Based on
JP2002521637W	July 1, 1999	1999WO-DE02001	
JP2002521637W	July 1, 1999	2000JP-0562681	
JP2002521637W		WO 200006926	Based on

INT-CL (IPC): F16 B 19/04; F16 H 59/02; F16 H 59/26; F16 H 61/00; G01 L 9/04; G01 L 19/00; G01 L 19/14; G01 L 23/24; G01 L 23/26; G01 M 15/00; G01 P 1/02

ABSTRACTED-PUB-NO: DE 19834212A
BASIC-ABSTRACT:

The control device has an electronic control circuit (13) coupled to at least one pressure sensor (12) for measuring the hydraulic pressure in the transmission, contained within a common housing (8). The latter has a metallic base plate (9) coupled via a pressure-tight seal to the hydraulic unit (4) of the transmission, with a bore (18) for connecting the pressure sensor to the hydraulic unit.

The carrier (16) for the pressure sensor has a cylindrical projection fitting into this bore, with a pressure-tight connection between the carrier and the base plate.

USE - For controlling automobile drive transmission.

ADVANTAGE - Ensures pressure integrity between transmission hydraulic unit and electronic control circuit.
ABSTRACTED-PUB-NO:

EP 1099066B
EQUIVALENT-ABSTRACTS:

The control device has an electronic control circuit (13) coupled to at least one pressure sensor (12) for measuring the hydraulic pressure in the transmission, contained within a common housing (8). The latter has a metallic base plate (9) coupled via a pressure-tight seal to the hydraulic unit (4) of the transmission, with a bore (18) for connecting the pressure sensor to the hydraulic unit.

The carrier (16) for the pressure sensor has a cylindrical projection fitting into this bore, with a pressure-tight connection between the carrier and the base plate.

USE - For controlling automobile drive transmission.

ADVANTAGE - Ensures pressure integrity between transmission hydraulic unit and electronic control circuit.

US20010011478A

The control device has an electronic control circuit (13) coupled to at least one pressure sensor (12) for measuring the hydraulic pressure in the transmission, contained within a common housing (8). The latter has a metallic base plate (9) coupled via a pressure-tight seal to the hydraulic unit (4) of the transmission, with a bore (18) for connecting the pressure sensor to the hydraulic unit.

The carrier (16) for the pressure sensor has a cylindrical projection fitting into this bore, with a pressure-tight connection between the carrier and the base plate.

USE - For controlling automobile drive transmission.

ADVANTAGE - Ensures pressure integrity between transmission hydraulic unit and electronic control circuit.

CHOSEN-DRAWING: Dwg.2/3

TITLE-TERMS: AUTOMOBILE TRANSMISSION CONTROL DEVICE PRESSURE SENSE COMMON HOUSING
ELECTRONIC CONTROL CIRCUIT PRESSURE SENSE BASE PLATE BORE CONNECT PRESSURE SENSE
TRANSMISSION HYDRAULIC UNIT

DERWENT-CLASS: Q61 Q64 S02 X22

EPI-CODES: S02-F04D; X22-G01;

SECONDARY-ACC-NO:

Non-CPI Secondary Accession Numbers: N2000-120908

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	Type	Ref #	Hits	Search Text
1	BRS	S1	3	pressure and medium and plate and pressure adj (sensor transducer) and counterplate
2	BRS	S2	1	pressure and medium and (base bottom)adj plate and pressure adj (sensor transducer) and counterplate
3	BRS	S3	4	pressure adj (sensor transducer) and counterplate

	DBs	Time Stamp	Comments	Error Definition
1	US-PGPUB; USPAT; USOCR; DERWENT	2005/04/14 10:30		
2	US-PGPUB; USPAT; USOCR; DERWENT	2005/04/14 10:34		
3	US-PGPUB; USPAT; USOCR; DERWENT	2005/04/14 14:47		

	Errors
1	
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3	